

Abstract

The invention discloses a communication method for modules within device. The method sets a centralized exchanging and controlling unit in the device, and every module is connected with the centralized exchanging and controlling unit through its own communication control interface. When a message is sending from one module to another module, first the source module sends the message to the centralized exchanging and controlling unit, after processing in the centralized exchanging and controlling unit the message is forwarded to the destination module defined in the message. Since every module is directly connected with the centralized exchanging and controlling unit in a high-speed link, so any two modules communication with the following advantages: high reliability, to locate a fault point is easier, number of the modules that take part in the communication is unlimited, the system design is simple, easier and flexible.